

### Abstract

The filter construction includes a first portion that removes or reduces contaminants entering a disk drive enclosure from the external atmosphere and a second portion that removes or reduces contaminants present within the disk drive enclosure.

- 5 Air exits the first portion in an area of the disk drive enclosure having a low air pressure. The second portion has an adsorbent filter, such as a recirculation filter, which allows air or gas to flow therethrough with little resistance. The filter construction has an exit positioned approximately parallel to the periphery of a disk in the disk drive enclosure, so that air exiting the filter construction is generally
- 10 perpendicular to the air currents produced by the spinning disk.